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1　On implementing mpeg-21 intellectual property management and protection
Nicholas Paul Sheppard
October 2007 DRM '07: Proceedings of the 2007 ACM workshop on Digital Rights
　　　　Management
Publisher: ACM
Full text available: 📄 pdf(229.76 KB)　Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 26, Downloads (12 Months): 150, Citation Count: 0

　　The MPEG-21 Intellectual Property Management and Protection ("IPMP") Components
　　specify a framework for inter-operable and renewable digital rights management based
　　on *IPMP tools* that implement proprietary digital rights management features. MPEG-
　　21 ...

　　Keywords: MPEG REL, MPEG-21 IPMP, digital rights management, implementation

2　Digital rights management for content distribution
Qiong Liu, Reihaneh Safavi-Naini, Nicholas Paul Sheppard
January 2003 ACSW Frontiers '03: Proceedings of the Australasian information
　　　　security workshop conference on ACSW frontiers 2003 - Volume 21.
　　　　Volume 21
Publisher: Australian Computer Society, Inc.
Full text available: 📄 pdf(224.63 KB)　Additional Information: full citation, abstract, references, cited by, index
　　　　　　　　　　　　　　　　　　　　　　　　terms

Bibliometrics: Downloads (6 Weeks): 74, Downloads (12 Months): 627, Citation Count: 4

　　Transferring the traditional business model for selling digital goods linked to physical
　　media to the online world leads to the need for a system to protect digital intellectual
　　property. Digital Rights Management(DRM) is a system to protect high-value ...

　　Keywords: DRM, digital content

3　Using SITDRM for privacy rights management
Farzad Salim, Nicholas Paul Sheppard, Reihaneh Safavi-Naini
March 2007 CHI MIT '07: Proceedings of the 2007 symposium on Computer human
　　　　interaction for the management of information technology
Publisher: ACM

Full text available: pdf(78.44 KB)   Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 4,  Downloads (12 Months): 34,  Citation Count: 0

SITDRM is a privacy protection system that protects private data through the enforcement of MPEG REL licenses provided by consumers. Direct issuing of licenses by consumers has several usability problems that will be mentioned in this paper. Further, ...

Keywords: DRM, MPEG-21, P3P, privacy protection

4  Import/export in digital rights management

Reihaneh Safavi-Naini, Nicholas Paul Sheppard, Takeyuki Uehara

October 2004 DRM '04: Proceedings of the 4th ACM workshop on Digital rights management

Publisher: ACM

Full text available: pdf(211.60 KB)   Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 12,  Downloads (12 Months): 160,  Citation Count: 3

The inherently controlled nature of digital rights management systems does little to promote inter-operability of systems provided by different vendors. In this paper, we consider import and export functionality by which multimedia protected by one digital ...

Keywords: digital rights management, export, import, inter-operability

5  Teleteaching anywhere solution kit (Tele-TASK) goes mobile

Katrin Wolf, Serge Linckels, Christoph Meinel

October 2007 SIGUCCS '07: Proceedings of the 35th annual ACM SIGUCCS conference on User services

Publisher: ACM

Full text available: pdf(644.95 KB)   Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 13,  Downloads (12 Months): 107,  Citation Count: 0

Tele-TASK is a tool for recording lectures and presentations. It does not only record the audio and video of the speaker but also everything happening on the presenter's computer. No matter if he is showing a Powerpoint presentation, a software demo ...

Keywords: e-learning, iPod, mobile learning, podcasting, teleteaching, video encoding

6  Implementation of a mobile MPEG-21 peer

Shane Lauf, Ian Burnett

November 2005 MULTIMEDIA '05: Proceedings of the 13th annual ACM international conference on Multimedia

Publisher: ACM

Full text available: pdf(91.15 KB)   Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 6,  Downloads (12 Months): 55,  Citation Count: 0

The MPEG-21 Multimedia Framework aims to realize interoperable access to content across heterogeneous networks and devices. Within the Framework, the concept of Digital Items is introduced as a structured digital representation for multimedia. To demonstrate ...

Keywords: MPEG-21, mobile applications, multimedia

7  MPEG multimedia standards: evolution and future developments
Fernando Pereira
September 2007  MULTIMEDIA '07: Proceedings of the 15th international conference on
                Multimedia
Publisher: ACM
Full text available: pdf(180.69 KB)   Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 25,  Downloads (12 Months): 222,  Citation Count: 0

   Multimedia communications play a growing role in the every day's life of modern
   societies. Until recently, and except for broadcast television and radio, voice was still the
   sole communication mechanism. However, the diffusion of digital processing
   algorithms ...

   Keywords: audiovisual data, data and metadata, interoperability, multimedia standards


8  Media streaming synchronisation and video interaction: a survey
R. Y. D. Xu, R. Wang, N. Parameswaran, J. S. Jin
May 2003  VIP '02: Selected papers from the 2002 Pan-Sydney workshop on
              Visualisation - Volume 22,  Volume 22
Publisher: Australian Computer Society, Inc.
Full text available: pdf(31.62 KB)    Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 7,  Downloads (12 Months): 53,  Citation Count: 0

   Digital video has become an important element in a multimedia package. Most of the
   traditional video players and the video formats they support only provide ways of linear
   interaction, ie, a user can play the video in forward and backward direction or ...

   Keywords: interactive video, multimedia synchronisation, streaming media, video
   cataloguing


9  Privacy protection for signed media files: a separation-of-duty approach to the
   lightweight DRM (LWDRM) system
Rüdiger Grimm , Patrick Aichroth
September 2004  MM&Sec '04: Proceedings of the 2004 workshop on Multimedia and
                security
Publisher: ACM
Full text available: pdf(256.47 KB)   Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 5,  Downloads (12 Months): 50,  Citation Count: 0

   The aim of strong digital rights management (DRM) is to enforce usage rules in end-user
   devices on behalf of content providers. Strong DRM is not well accepted by customers.
   Moreover, strong DRM is repeatedly circumvented and broken. Since Napster (and ...

   Keywords: LWDRM, light weight digital rights management, privacy, pseudonyms,
   separation of duty, virtual goods


10 Digital rights management for the online music business
Sai Ho Kwok
June 2002  ACM SIGecom Exchanges,  Volume 3 Issue 3
Publisher: ACM
Full text available: pdf(51.88 KB)   Additional Information: full citation, abstract, references, index terms

Bibliometrics:  Downloads (6 Weeks): 20,  Downloads (12 Months): 193,  Citation Count: 0

Digital rights management has become a pressing concern for the online music business. Existing digital rights management systems are backed by two license management models, the tethered model and the untethered model. These two license management models …

Keywords: digital rights management, electronic business, electronic commerce, intellectual property, license management, online music business

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